

64 ANALOG CATV VIDEO
66 DOCSIS DATA MODULATED ON DS CARRIERS
68 DOCSIS DATA MODULATED ON US CARRIERS



Fig. 1

Video & Voice

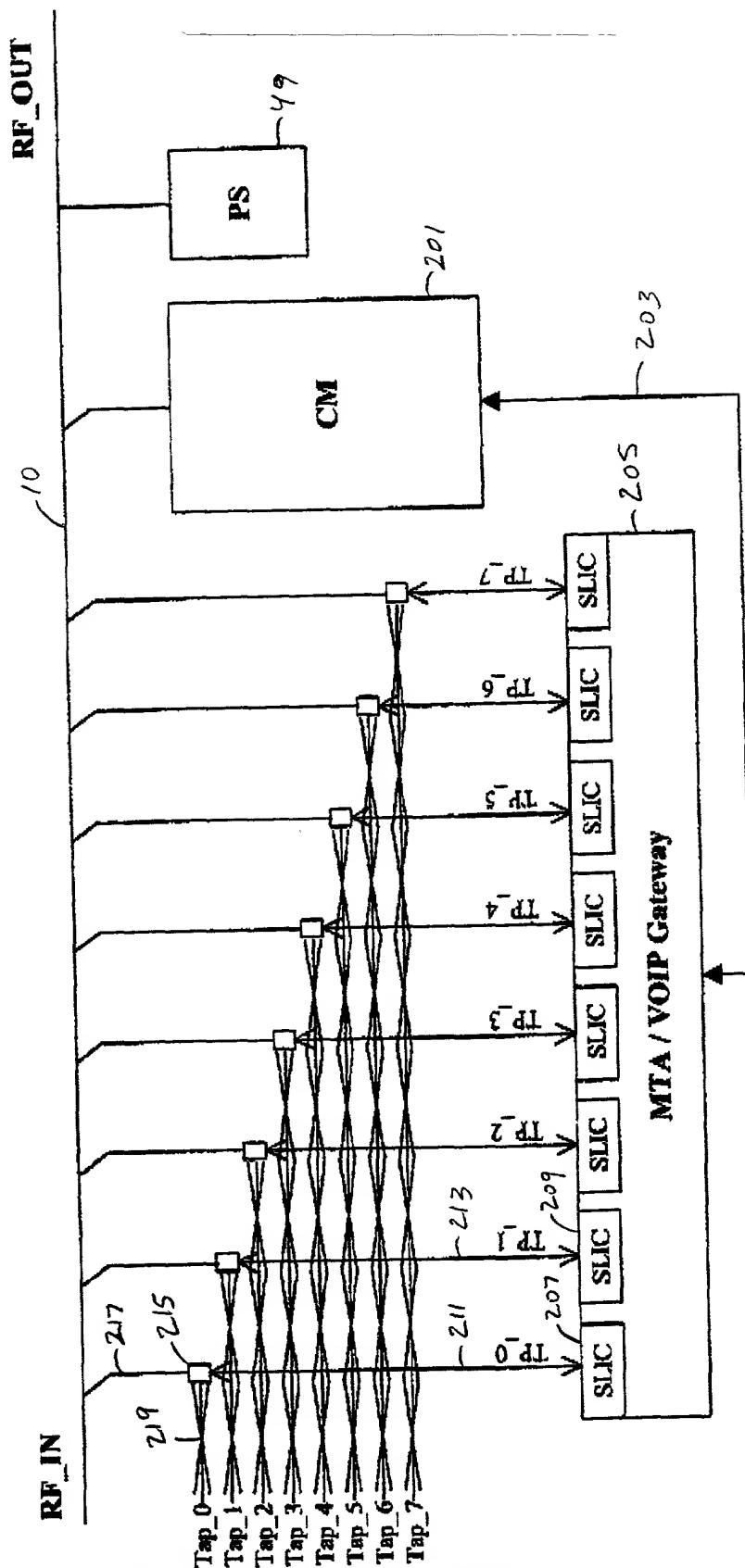


FIG. 2

TERAYON

TERAYON



FIG. 3

Video, Voice & Data (Hybrid Fiber Coax & DSL)

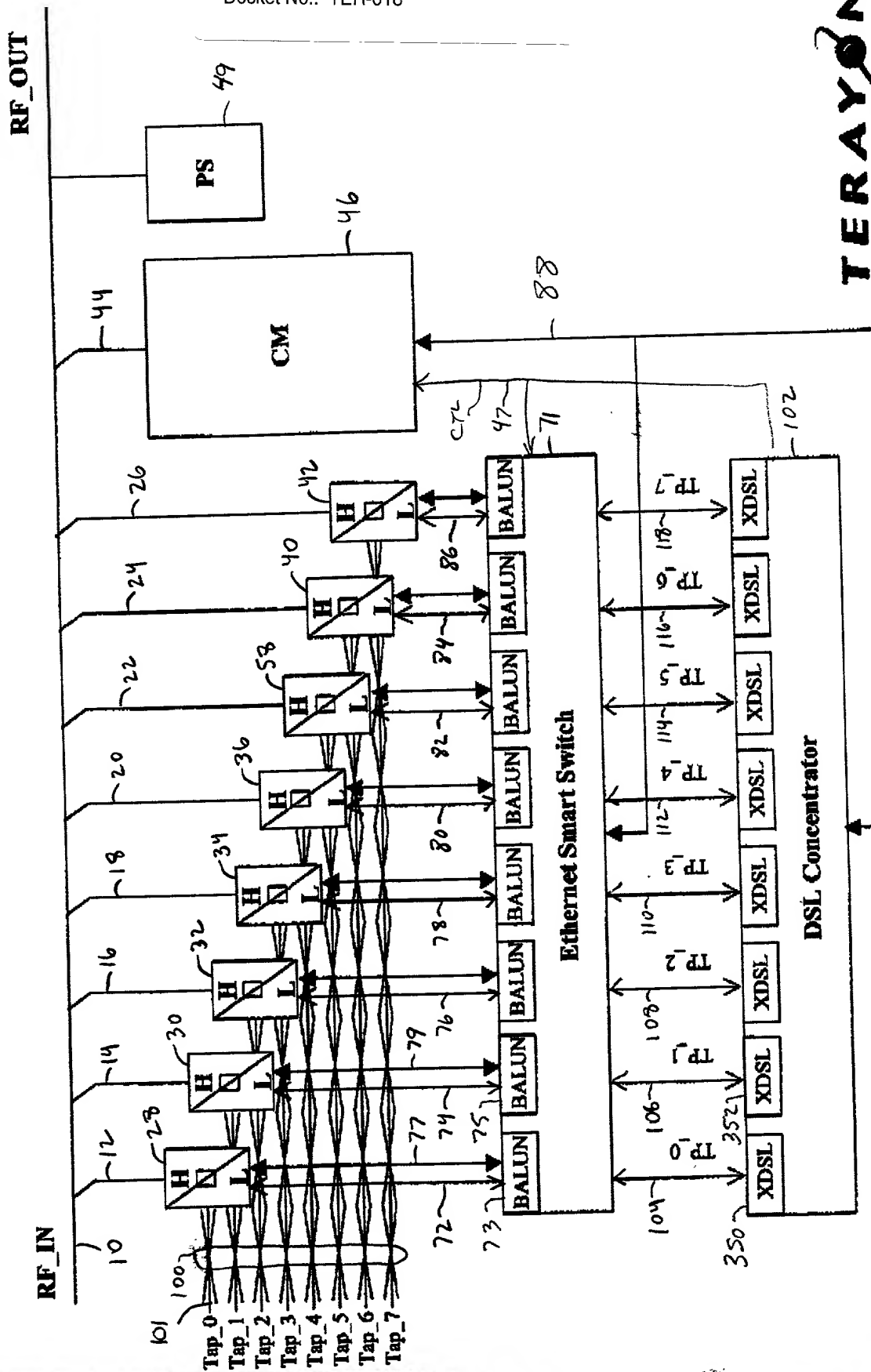


FIG. 4

TERAYON

Video, Voice & Data

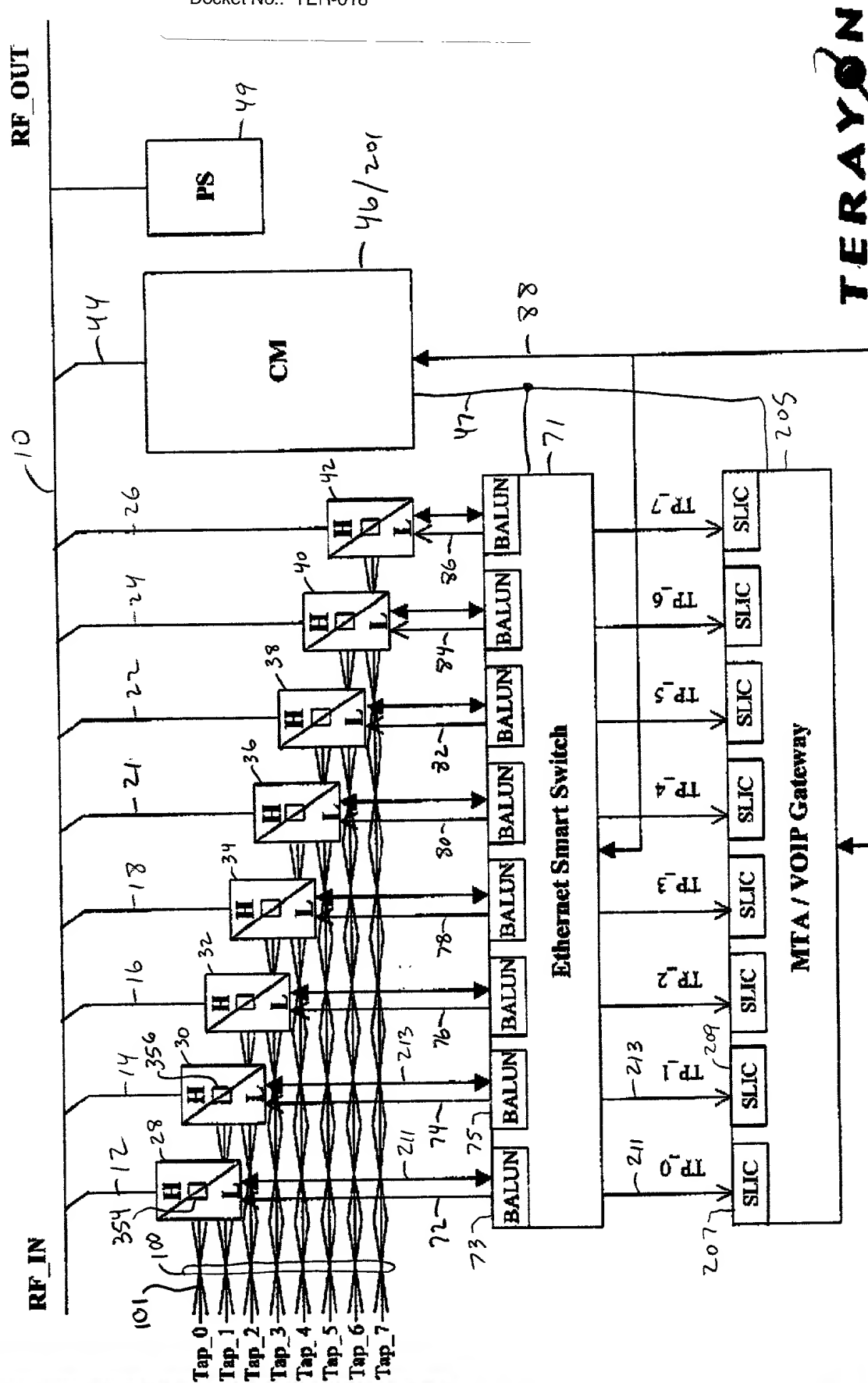
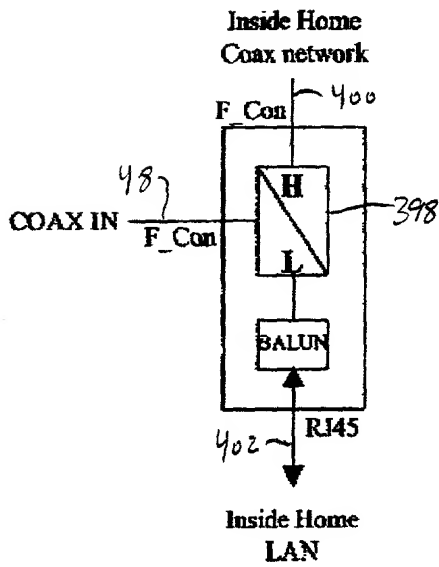
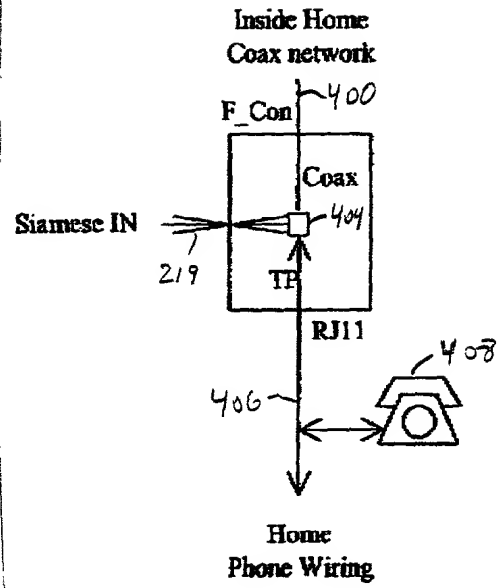


Fig. 5

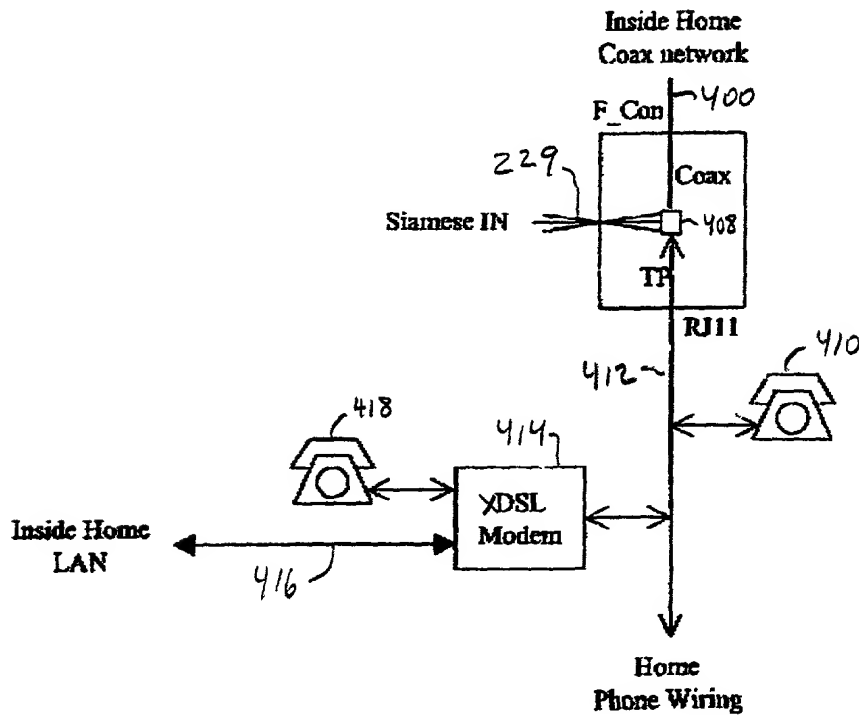
TERAYON



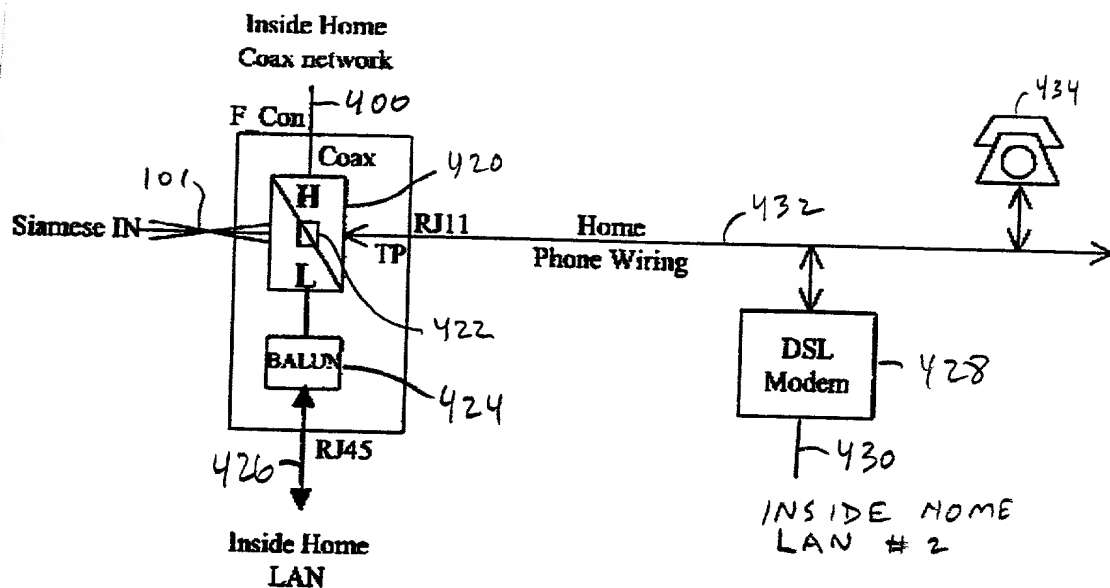
FOR USE WITH FIG. 1 EMB.
FIG. 6



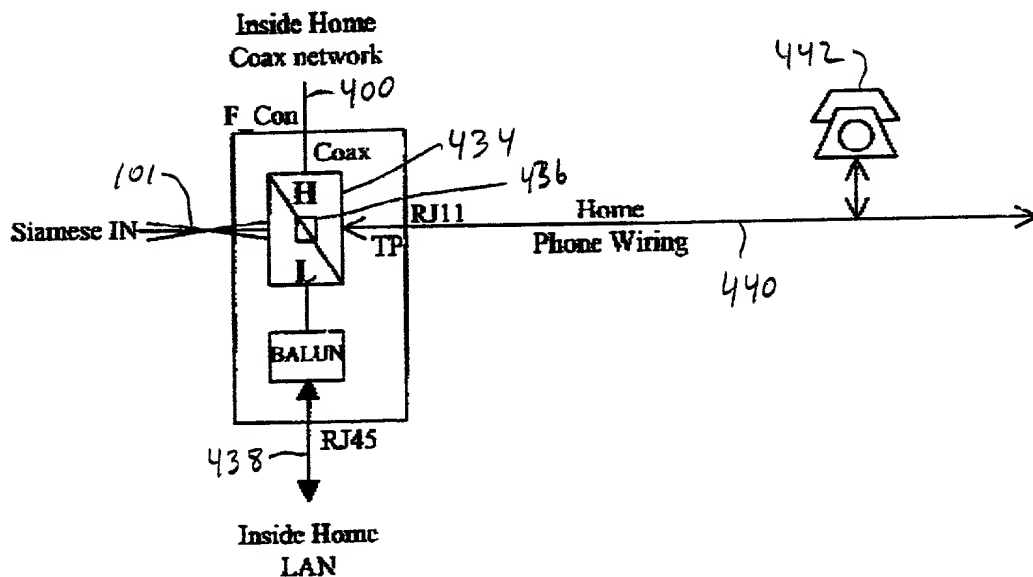
FOR USE WITH FIG. 2 EMB.
FIG. 7



FOR USE WITH FIG. 3 EMB.
FIG. 8



FOR USE WITH EMBODIMENT OF FIG. 4
FIG. 9



FOR USE WITH FIG. 5 EMBODIMENT
FIG. 10

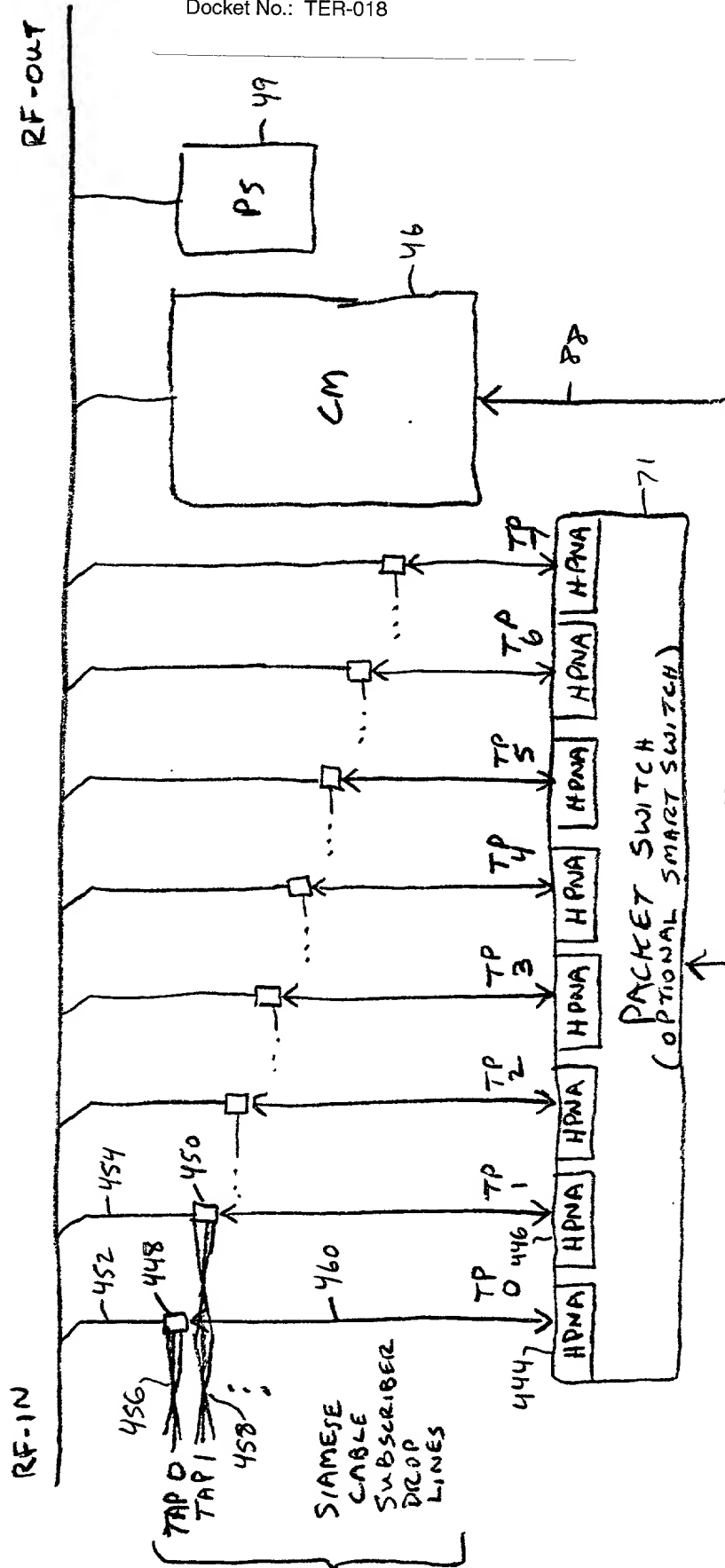


FIG. 11

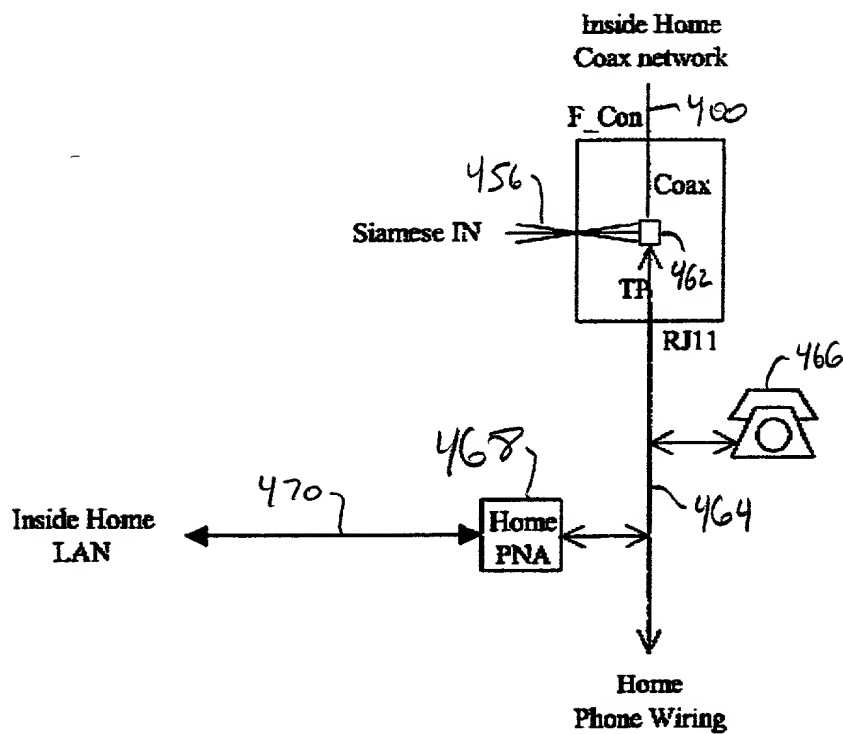


FIG. 12 A

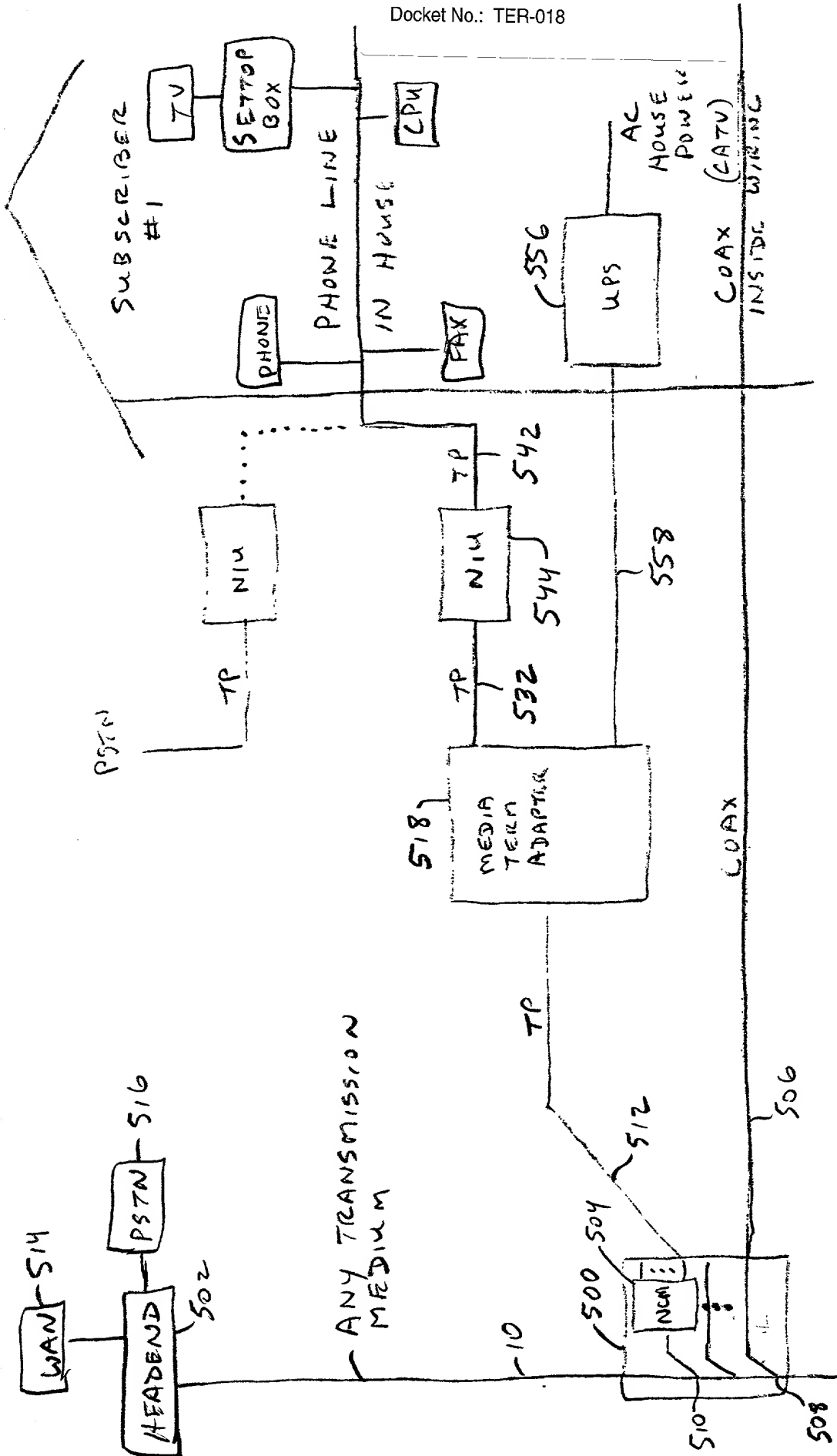


FIG. 12 B

FIG. 13 is a block diagram of a system for providing multiple services to multiple customers over a single cable modem. The system includes a cable modem 520, a router/bridge 524, a codebook and signaling 528, and a POTS analog 536. The cable modem 520 is connected to a power source 512 and a network 510. The router/bridge 524 is connected to the cable modem 520 and the codebook and signaling 528. The codebook and signaling 528 is connected to the POTS analog 536. The POTS analog 536 is connected to a POTS network 540. The cable modem 520 also includes a MAC protocol #1 for HPNA 530 and a PHY protocol for HPNA 532. The router/bridge 524 includes a MAC protocol #2 522 and a PHY protocol #2 520. The network 510 includes a CPU 538, a PH 538, a SET TOP BOX 548, a TV 550, and a SETTOP BOX 552. The network 510 also includes a POTS network 540 and a POTS network 540.

